

WHAT IS CLAIMED IS:

1. A semiconductor laser array comprising:
a chip having a plurality of luminous spots; and
a mount for mounting said chip by means of solder;
5 said plurality of luminous spots projecting toward
the laser beam emitting side from the corresponding end
facet of said mount.
2. A semiconductor laser array according to claim
10 1, wherein
 said mount is made of silicon.
3. A semiconductor laser array according to claim
1, wherein
15 the semiconductor lasers of said semiconductor
laser array are buried heterojunction type lasers.
4. A semiconductor laser array according to claim
1, wherein
20 said chip is soldered to said mount in a fashion
of junction down.
5. A semiconductor laser array according to claim
1, wherein
25 said plurality of luminous spots are driven
independently.

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6. An optical scanner comprising:

a semiconductor laser array, said semiconductor
laser array including a chip having a plurality of
luminous spots and a mount for mounting said chip by
5 means of solder;

a rotary mirror for deflecting the laser beams
emitted from said semiconductor laser array;

a focussing lens for focussing the laser beams
deflected by said rotary mirror on a surface to be
10 scanned;

said plurality of luminous spots projecting toward
the laser beam emitting side from the corresponding end
facet of said mount.

15 7. An optical scanner according to claim 6,
wherein

said lens is made of a plastic material.